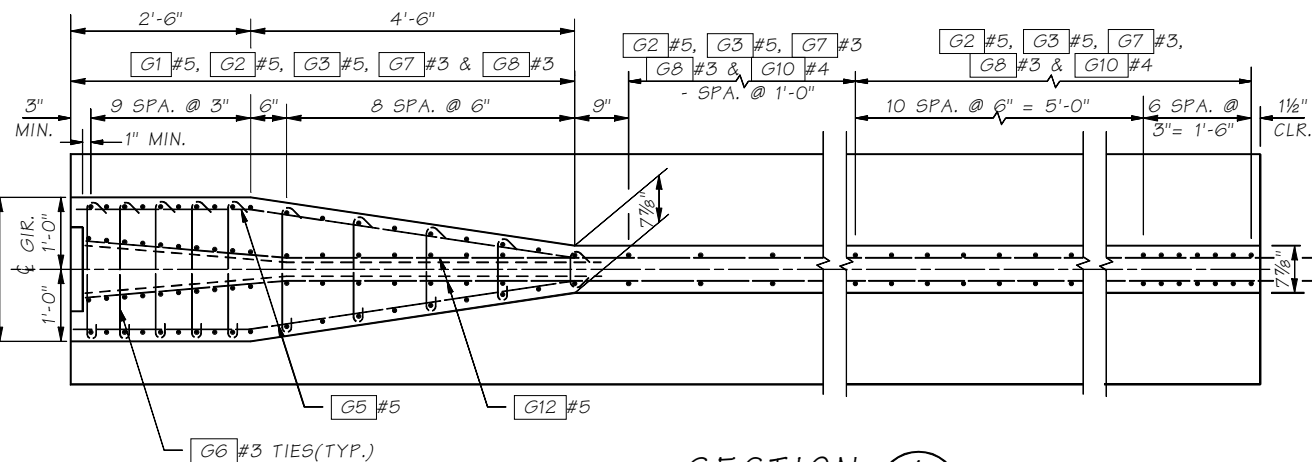


TYPICAL END ELEVATION AT END DIAPHRAGMS

TYPICAL END ELEVATION AT CLOSURE PLACEMENT

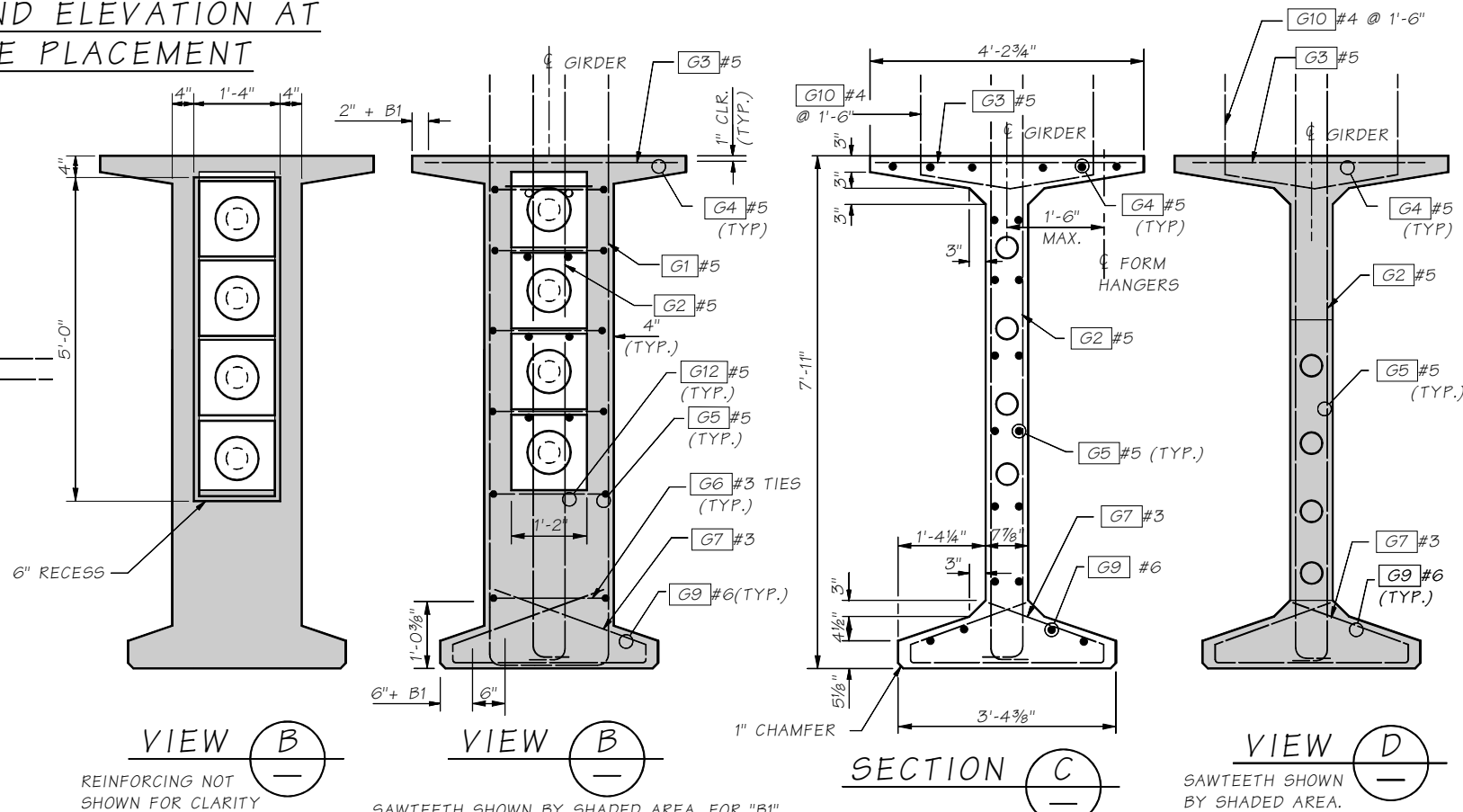
PRE-TENSIONING NOTES:

1. PLAN LENGTH SHALL BE INCREASED AS NECESSARY TO COMPENSATE FOR SHORTENING DUE TO PRESTRESS AND SHRINKAGE.
2. ALL STRAND FOR PRETENSIONING SHALL BE ??? DIAMETER LOW RELAXATION STRANDS (AASHTO M203, GRADE 270).
3. EXCEPT FOR ??? EXTENDED STRANDS AS SHOWN, CUT ALL REMAINING STRANDS 1" BELOW SURFACE OF THE GIRDER ENDS AND GROUT WITH ANY APPROVED EPOXY GROUT.
4. EXTENDED STRANDS AND BARS ARE PARALLEL TO GIRDER.
5. LIFTING BARS SHALL BE 1 3/8" DIAMETER HIGH STRENGTH THREADED BARS (AASHTO M275, GRADE 150 MINIMUM). LIFTING HARDWARE THAT CONNECTS TO THREADED BARS SHALL BE DESIGNED AND DETAILED BY THE CONTRACTOR. LIFTING FORCES ON THREAD BARS SHALL BE VERTICAL ONLY AND WITHIN 10 DEGREES OF PERPENDICULAR TO A LINE BETWEEN PICK POINTS. CONTRACTOR SHALL SUBMIT CALCULATIONS FOR APPROVAL BY THE ENGINEER IF LIFTING FORCES ARE TO BE OTHERWISE.
6. EXTRA CAUTION MUST BE EXERCISED IN HANDLING AND PLACING ALL GIRDERS. ALL GIRDERS SHALL BE CHECKED TO ENSURE THAT THEY ARE BRACED ADEQUATELY TO PREVENT TIPPING AND TO CONTROL LATERAL BENDING DURING SHIPPING.
7. THE TOP SURFACE OF THE GIRDER FLANGE SHALL BE ROUGHENED IN ACCORDANCE WITH SECTION 6-02.3(25)H.
8. FORMS FOR BEARING PAD RECESSES SHALL BE CONSTRUCTED AND FASTENED IN SUCH A MANNER AS NOT TO CAUSE DAMAGE TO THE GIRDER DURING STRAND RELEASE OPERATION.
9. FOR SAWTEETH DETAILS SEE WPT83G GIRDER DETAILS 5 OF 5.



TRANSVERSE REINFORCING AT SKEWED ENDS

END SEGMENT DETAILS



Bridge Design Engr.	M:\STANDARDS\Girders\PT Wide Flange\W95PTG2.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By						
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS

W95PTG SPliced GIRDER DETAILS 2 OF 5

BRIDGE SHEET NO.
SHEET
OF
SHEETS